



SEQUENCE LISTING

<110> Herath, et al.

<120> ADPI-41, A NOVEL PROTEIN ISOLATED FROM BRAIN TISSUE HOMOGENATE AND
USES THEREFOR

<130> 9195-077

<150> 10/014,338

<151> 2001-12-10

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 1134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1121)..(1122)

<223> where "n" is any nucleotide

<220>

<221> misc_feature

<222> (1125)..(1126)

<223> where "n" is any nucleotide

<220>

<221> misc_feature

<222> (1132)..(1133)

<223> where "n" is any nucleotide

<400> 1

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tcaaagcact ttcattggac gagccaatca tttcttcact gtaactgacc ccaggaacat 120
tctgttaacc aacgaacaac tcgagagtgc gagaaaaata gtacatgatt acaggcaagg 180
aattgttctt cctgggtctta cagaaaatga attgtggaga gcaaagtaca tctatgattc 240
agcttttcat cctgacactg gtgagaagat gattttgata ggaagaatgt cagcccaggt 300
tcccatgaac atgaccatca caggttgtat gatgacgttt tacaggacta cgccggctgt 360
gctgttctgg cagtggatta accagtcctt caatgccgtc gtcaattaca ccaacagaag 420
tggagacgca cccctcactg tcaatgagtt gggaacagct tacgtttctg caacaactgg 480
tgccgtagca acagctctag gactcaatgc attgaccaag catgtctcac cactgatagg 540
acgttttggt ccccttgctg ccgtagctgc tgctaattgc attaatattc cattaatgag 600
gcaaagggaa ctcaaagttg gcattcccgt cacggatgag aatgggaacc gcttggggga 660
gtcggcgaac gctgcgaaac aagccatcac gcaagttgtc gtgtccagga ttctcatggc 720
agcccctggc atggccatcc ctccattcat tatgaacact ttggaaaaga aagccttttt 780
gaagagggtc ccatggatga gtgcacccat tcaagttggg ttagttggct tctgtttggt 840
gtttgctaca cccctgtgtt gtgccctgtt tcctcagaaa agttccatgt ctgtgacaag 900
cttgagggcc gagttgcaag ctaagatcca agagagccat cctgaattgc gacgcgtgta 960
cttcaataag ggattgtaaa gcagggagga aacctctgca gctcattctg ccaactgcaa 1020
gctggtgtag ccatgtcgtt gagaaaaatc ctgttcaacc tgggttctcc cagttacgga 1080
aagggcgaat tcgcgccgc taattcgatt cgccctatag nagtngtaac antc 1134

<210> 2

<211> 322

<212> PRT

a!
cont

<213> Homo sapiens

<400> 2

Met Ser Gly Glu Leu Pro Pro Asn Ile Asn Ile Lys Glu Pro Arg Trp
1 5 10 15

Asp Gln Ser Thr Phe Ile Gly Arg Ala Asn His Phe Phe Thr Val Thr
20 25 30

Asp Pro Arg Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
35 40 45

Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu Thr
50 55 60

Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe His
65 70 75 80

Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala Gln
85 90 95

Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr Arg
100 105 110

Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe Asn
115 120 125

Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr Val
130 135 140

Asn Glu Leu Gly Thr Ala Tyr Val Ser Ala Thr Thr Gly Ala Val Ala
145 150 155 160

Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu Ile
165 170 175

Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Ile Asn
180 185 190

Ile Pro Leu Met Arg Gln Arg Glu Leu Lys Val Gly Ile Pro Val Thr
195 200 205

Asp Glu Asn Gly Asn Arg Leu Gly Glu Ser Ala Asn Ala Ala Lys Gln
210 215 220

Ala Ile Thr Gln Val Val Val Ser Arg Ile Leu Met Ala Ala Pro Gly
225 230 235 240

Met Ala Ile Pro Pro Phe Ile Met Asn Thr Leu Glu Lys Lys Ala Phe
245 250 255

Leu Lys Arg Phe Pro Trp Met Ser Ala Pro Ile Gln Val Gly Leu Val
260 265 270

Gly Phe Cys Leu Val Phe Ala Thr Pro Leu Cys Cys Ala Leu Phe Pro
275 280 285

Gln Lys Ser Ser Met Ser Val Thr Ser Leu Glu Ala Glu Leu Gln Ala
290 295 300

Lys Ile Gln Glu Ser His Pro Glu Leu Arg Arg Val Tyr Phe Asn Lys
305 310 315 320

Gly Leu

<210> 3

<211> 984

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (949)..(950)

<223> where "n" is any nucleotide

<220>

<221> misc_feature

<222> (979)..(980)

a!
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<223> where "n" is any nucleotide

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tctgttaacc aacgaacaac tcgagagtgc gagaaaaata gtacatgatt acaggcaagg 180
aattgttcct cctggtctta cagaaaatga attgtggaga gcaaagtaca tctatgattc 240
agcttttcat cctgacactg gtgagaagat gattttgata ggaagaatgt cagcccaggt 300
tcccatgaac atgaccatca caggttgat gatgacgttt tacaggacta cgccggctgt 360
gctgttctgg cagtggatta accagtcctt caatgccgtc gtcaattaca ccaacagaag 420
tggagacgca cccctcactg tcaatgagtt gggaacagct tacgtttctg taacaactgg 480
tgccgtagca acagctctag gactcaatgc attgaccaag catgtctcac cactgatagg 540
acgttttgtt ccctttgctg ccgtagctgc tgctaattgc attaatatc cattaatgag 600
gcaaagccat ccttcattc attatgaaca ctttggaata gaaagcctt ttgaagaggt 660
tcccatggat gagtgcaccc attcaagttg ggtagttgg cttctgtttg gtgtttgcta 720
caccctctgt ttgtgccctg tttctcaga aaagttccat gtctgtgaca agcttgagg 780
ccgagttgca agctaagatc caagagagcc atcctgaatt gcgacgctg tacttcaata 840
agggattgta aagcaggag gaaacctctg cagctcattc tgccactgca aagctgggtg 900
agccatgctg gtgagaaaaa tctgttcaa cctgggttct cccagttang gaaagggcga 960
attcgcgcc gctgattcna ttac 984

a!
cont

<210> 4

<211> 261

<212> PRT

<213> Homo sapiens

<400> 4

Met Ser Gly Glu Leu Pro Pro Asn Ile Asn Ile Lys Glu Pro Arg Trp
1 5 10 15

Asp Gln Ser Thr Phe Ile Gly Arg Ala Asn His Phe Phe Thr Val Thr
20 25 30

Asp Pro Arg Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
35 40 45

Lys Ile Val His Asp Tyr Arg Gln Gly Ile Val Pro Pro Gly Leu Thr
50 55 60

Glu Asn Glu Leu Trp Arg Ala Lys Tyr Ile Tyr Asp Ser Ala Phe His
65 70 75 80

Pro Asp Thr Gly Glu Lys Met Ile Leu Ile Gly Arg Met Ser Ala Gln
85 90 95

Val Pro Met Asn Met Thr Ile Thr Gly Cys Met Met Thr Phe Tyr Arg
100 105 110

Thr Thr Pro Ala Val Leu Phe Trp Gln Trp Ile Asn Gln Ser Phe Asn
115 120 125

Ala Val Val Asn Tyr Thr Asn Arg Ser Gly Asp Ala Pro Leu Thr Val
130 135 140

Asn Glu Leu Gly Thr Ala Tyr Val Ser Val Thr Thr Gly Ala Val Ala
145 150 155 160

Thr Ala Leu Gly Leu Asn Ala Leu Thr Lys His Val Ser Pro Leu Ile
165 170 175

Gly Arg Phe Val Pro Phe Ala Ala Val Ala Ala Ala Asn Cys Ile Asn
180 185 190

Ile Pro Leu Met Arg Gln Ser His Pro Ser Ile His Tyr Glu His Phe
195 200 205

Gly Lys Glu Ser Leu Phe Glu Glu Val Pro Met Asp Glu Cys Thr His
210 215 220

Ser Ser Trp Val Ser Trp Leu Leu Phe Gly Val Cys Tyr Thr Pro Val
225 230 235 240

Leu Cys Pro Val Ser Ser Glu Lys Phe His Val Cys Asp Lys Leu Gly
245 250 255

Gly Arg Val Ala Ser

a!
Cont.

260

<210> 5

<211> 20

<212> DNA

<213> Homo sapiens

<400> 5

actgagcggg acctgcgagc

20

<210> 6

<211> 22

<212> DNA

<213> Homo sapiens

<400> 6

tccgtaactg ggagaaccga gg

22

<210> 7

<211> 13

<212> PRT

<213> Homo sapiens

<400> 7

Asn Ile Leu Leu Thr Asn Glu Gln Leu Glu Ser Ala Arg
1 5 10

<210> 8

<211> 10

<212> PRT

<213> Homo sapiens

<400> 8

a!
cont.

Gln Ala Ile Thr Gln Val Val Val Ser Arg
1 5 10

<210> 9

<211> 12

<212> PRT

<213> Homo sapiens

<400> 9

Val Gly Ile Pro Val Thr Asp Glu Asn Gly Asn Arg
1 5 10

<210> 10

<211> 39

<212> DNA

<213> Homo sapiens

<400> 10

aacattctgt taaccaacga acaactcgag agtgcgaga

39

<210> 11

<211> 30

<212> DNA

<213> Homo sapiens

<400> 11

caagccatca cgcaagttgt cgtgtccagg

30

<210> 12

<211> 33

<212> DNA

<213> Homo sapiens

a
Cont.

a!
cmr

<400> 12
gttggcattc ccgtcacgga tgagaatggg aac

33
